BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: KODIGEHALLI

Name of Work: *Estimate for Construction Compound Wall and Balance Work and other Civil Works in Ward No. 08, Kodigehalli Sub Division.*

Estimated Cost: Rs. 9.96 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Construction Compound Wall and Balance Work and other Civil Works in Ward No. 08, Kodigehalli Sub Division.

							Estimate Cost Rs.		996000.00
Sl No	**Description of item**	**Unit**	**Nos**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRB 2-1.1: Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, **No. 5/ Item No. 2.1/ PWD SR 2013-14**	Cum							
			1	39.00	21.00	0.10	81.90		
							81.90	126.36	**10349.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, **Page No. 5 / Item No. 2.4/ PWD SR 2013-14**	Cum							
	For Columns		26	0.60	0.60	0.90	8.42		
			15	0.60	0.60	0.90	4.86		
	For Compound Wall		2	40.00	0.75	0.60	36.00		
			2	22.00	0.75	0.60	19.80		
							69.08	227.88	**15743.00**
	Basic Rate	211.00							
	Area Weightage @ 8%	16.88							
	Total	**227.88**							
3	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 /Item No. 4.3 PWD SR - 2013-14**	Cum							
	For Columns		26	0.60	0.60	0.15	1.40		
			15	0.60	0.60	0.15	0.81		
	For Compound Wall		2	40.00	0.75	0.15	9.00		
			2	22.00	0.75	0.15	4.95		
							16.16	4290.84	**69357.00**

Sl No	Description of item	Unit	Nos	L	B	D	Qty	Rate	Amount
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
4	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thic floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13/ Item No. 4.11/ PWD SR 2013-14**	Cum							
	Footing Concrete		26	0.60	0.60	0.75	7.02		
			15	0.60	0.60	0.75	4.05		
	Plinth Beam		2	40.00	0.45	0.30	10.80		
			2	22.00	0.45	0.30	5.94		
	Poles		26	0.23	0.23	2.00	2.75		
			15	0.23	0.23	2.00	1.59		
							32.15	5535.32	**177948.00**
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	**5535.32**							
5	KSRB 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46.2 / PWD SR 2013-14 TMT Bars Fe 500**	Qtl							
	For Sump 70 Kg/Cum		0.70	32.15			**22.50**	7312.94	**164566.00**
	Basic Rate	6899.00							
	Area Weightage @ 6%	413.94							
	Total	**7312.94**							
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.17 / Item No. 4.31 PWD SR - 2013-14**	Sqm							
	Footing		26	2.40		0.90	56.16		

Sl No	Description of item	Unit	Nos	L	B	D	Qty	Rate	Amount
			15	2.40		0.90	32.40		
	Plinth Beam		4	40.00		0.30	48.00		
			4	22.00		0.30	26.40		
			26	0.92		2.00	47.84		
			15	0.92		2.00	27.60		
							238.40	271.08	**64625.00**
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	**271.08**							
7	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 25 / Item No. 5.6 / PWD SR 2013-14**	Cum							
			2	40.00	0.60	0.45	21.60		
			2	22.00	0.60	0.45	11.88		
							33.48	3549.96	**118853.00**
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	**3549.96**							
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2013-14**	Sqm							
			2	40.00		2.00	160.00		
			2	22.00		2.00	88.00		
							248.00	924.48	**229271.00**
	Basic Rate	856.00							
	Area Weightage @ 8%	68.48							
	Total	**924.48**							
9	KSRB 15.3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 123 / Item No. 15.16 / PWD SR 2013-14** (Out side Wall)	Sqm							
	Out Side		4	40.00		2.10	336.00		
			4	22.00		2.10	184.80		
							520.80	187.62	**97712.00**
	Basic Rate	177.00							
	Area Weightage @ 6%	10.62							
	Total	**187.62**							

Sl No	Description of item	Unit	Nos	L	B	D	Qty	Rate	Amount
10	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **with Primer Page No.127/ Item No. 15.53.2 / PWD SR 2013-14**	Cum							
			4	40.00		2.10	336.00		
			4	22.00		2.10	184.80		
							520.80	78.44	**40852.00**
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	**78.44**							
11	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
				Vide Item No. 1			**69.08**	72.71	**5023.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
12	Miscesalaneous and unforeseen Charges	L/S							**1701.00**
								Total	**996000.00**

(Rupees Nine Lakhs Ninety Six Thousand Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE SANCTION ACCORDED FOR Rs. 9.96 lakhs
Rupees Nine lakhs ninety six thousand only
Under
Subject to conditions enclosed in
Dt
Addl Comm(Yz) AS/827(4)/13-14
dated 5-2-2014 Rs. 9.96 lakhs

Addl Commissioner
(Yelahanka Zone)

Technical Sanction for Rs. 9.96 lakhs

Nine lakhs ninty six thousand

Rupee only.

registered in EE Mar. ...../..... Subject

to conditions contained endos. No.

No: EE/BTP/330/13-14, 7/2/14.

AE/JE

EE (BTP. Div.)